

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: BST-27

In re-Application of:

MARC J. RUYMEN ET AL.

09/686,581

Filed: OCTOBER 11, 2000

Confirmation No.: 4798

Title: APPARATUS AND METHOD FOR SCANNING PRODUCTS
WITH A LIGHT BEAM TO DETECT AND REMOVE IMPURITIES OR
IRREGULARITIES IN A CONVEYED STREAM OF THE PRODUCTS)

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, DC 20231

Group Art Unit: 2877

Examiner: T. NGUYEN

Our Account No.: 04-140

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AMENDMENT

This is a response/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereto by reference and the signature below is to be treated as the signature to the attachment in absence of a signature thereto.

Fee requirements (if any) have been calculated as shown below:

| Claims remaining after amendment | Highest number previously paid for | Present Extra | Additional Fee |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|-----------------|
| Total Effective Claims 32 | Minus 32 | = | x \$18 = \$.00 |
| Independent Claims 3 | minus | = 0 | x \$84 = \$.00 |
| If amendment enters proper multiple dependent claim(s) into this application for first time, add \$280.00 (per application) | | | |
| Since Official Action set an original due date of 3/30/03 | | | |
| PETITION is hereby made for an extension to cover the date this response is filed for which the requisite fee is enclosed (1 month \$110; 2 months \$410; 3 months \$930; 4 months \$1450) | | | |
| If Terminal Disclaimer enclosed, add Rule 20(d) Official Fee (\$110.00) | | | |
| SUBTOTAL: | | | \$ 110.00 |
| If "small entity" verified statement filed [] previously, [] herewith, enter one-half (1/2) of subtotal and subtract | | | |
| TOTAL: | | | \$ 110.00 |
| Other: INFORMATION DISCLOSURE STATEMENT | | | \$ 180.00 |
| TOTAL FEE ENCLOSED: | | | \$ 290.00 |

04/30/2003 SDIRETA1 00000007 09686581

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The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

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ATTORNEYS AT LAW, P.A.

By: STEPHEN E. BONDURA Reg. No.: 35,070 Date: 4/24/03

Signature: *Stephen E. Bondura*

I hereby certify that this correspondence and any referenced attachment and fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, Washington, DC 20231, on 4/24/03

JACQUELINE M. LEONARD

(Typed or printed name of person mailing paper or fee)

Jacqueline M. Leonard

(Signature of person mailing paper or fee)

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ATTORNEY DOCKET NO.: BST-2

~~IN THE UNITED STATES PATENT AND TRADEMARK OFFICE~~

In re Application of
MARC J. RUYMEN ET AL.
Serial No.: 09/686,581

Examiner: T. NGUYEN

Art Unit: 2877

Filed: OCTOBER 11, 2000

For: APPARATUS AND METHOD FOR SCANNING)
PRODUCTS WITH A LIGHT BEAM TO DETECT AND)
REMOVE IMPURITIES OR IRREGULARITIES IN A)
CONVEYED STREAM OF THE PRODUCTS)

AMENDMENT

Commissioner of Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

The present Amendment is in response to the Office Action dated December 30, 2002, in the above captioned application. Please enter the following Amendment:

IN THE CLAIMS

Please amend claims 1, 10, and 14 as set forth in the attached Claim Worksheets. The claims as amended are presented below in “clean” format. All pending claims are presented below for sake of convenience.

1. **(Amended)** An apparatus for detecting irregular or foreign objects in products moving through a scanning zone, said apparatus comprising:

a light source, said light source directing a concentrated light beam having a given cross sectional area in a scanning pattern towards a scanning zone wherein said products move through said scanning zone and are impinged upon by said light beam moving in said scanning pattern, said light being directly reflected from generally the